

**From Jim Marrs: Our Occulted History (New York: Harper Collins, 2013)**

In 2011, despite widespread opposition in the light of studies indicating harmful effects from genetically modified seeds and despite a Supreme Court decision banning the planting of such seeds pending environmental impact studies by the United States Department of Agriculture (USDA), Obama and the USDA decided to deregulate two of Monsanto's GMO seed varieties—alfalfa and sugar beets.

To legitimize such action, in 2012 riders were attached to both the 2012 Federal Agriculture Reform and Risk Management Act, known simply as the Farm Bill (HR 6083), and section 733 of the 2013 Agriculture Appropriations Bill (HR 5973) that would require the secretary of agriculture to “immediately” grant temporary approval or deregulation to GMO crops even if the crop's safety is in question or under legal review. “In other words, if this single line in the 90-page Agriculture Appropriations bill slips through, it's Independence Day for the biotech industry,” warned Alexis Baden-Mayer and Ronnie Cummins on the AlterNet website. They noted that under this provision, the “Monsanto rider,” all that any farmer or biotech firm need to do is ask, and “the questionable crops could be released into the environment where they could potentially contaminate conventional or organic crops and, ultimately, the nation's food supply.”

...Despite (Bill) Gates' endorsement, some studies suggest that GMO crops may create more problems than they solve. John Vidal, the environment editor of London's *Guardian*, has written, “Genetic engineering has failed to increase the yield of any food crop but has vastly increased the use of chemicals and the growth of ‘superweeds,’ according to a report by 20 Indian, south-east Asian, African, and Latin American food and conservation groups representing millions of people.”

Even more disturbing, a recent study reported in *Reproductive Toxicology*, showed Bt (*Bacillus thuringiensis*) toxins engineered into genetically modified foods were found in the blood of twenty-eight of thirty pregnant women tested and in 80 percent of the tested women's umbilical cords. In a nonpregnant group, traces were found in the blood of 69 percent. It was believed that the toxins entered the human body as a result of eating meat, milk, and eggs from farm livestock fed GM corn. Pete Riley, director of GM Freeze, a consumer group opposed to GMO farming, said, “This research is a major surprise as it shows that the Bt proteins have survived the human digestive system and passed into the blood supply—something that regulators said could not happen.”

...Anthony Gucciardi reported that “The USDA has allowed Monsanto to run rampant, modifying staple crops, food items, and even milk. Monsanto's rBGH is a synthetic hormone created using molecules and DNA sequences that are a result of molecular cloning, which has been linked to breast and gastrointestinal cancer. In the United States, this synthetic hormone is present in 1/3 of all milk. Meanwhile, it is banned in 27 countries around the globe. Marketed under the name Posilac, Monsanto has since sold the brand to a division of Eli Lilly and Company, Elanco Animal Health.”

...Many researchers and scientists believe that Monsanto's GMO crops may be responsible for the die-off of bees, a critical pollinator in the environmental food chain.

Sources for above material, per back of Jim Marrs' book

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- (2) Monsanto rider: Ronnie Cummins and Alexis Baden-Mayer, "The 'Monsanto Rider: Are Biotech Companies About to Gain Immunity from Federal Law?'" AlterNet, July 6, 2012.  
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- (5) Anthony Gucciardi on GMO seeds: Anthony Gucciardi, "USDA Steps Back and Gives Monsanto More Power over GMO Seeds", Natural Society, Dec 27, 2011.  
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**From Jim Marrs, The Trillion-Dollar Conspiracy. (New York: Harper Collins, 2010).**

"Beginning in 2006, more than twelve hundred lawsuits were filed against Bayer CropScience AG claiming damages caused by the firm's genetically modified (GM) rice seeds. Although the rice was not approved for human consumption, Bayer—along with Louisiana State University—had been testing the rice for resistance to the company's Liberty herbicide. Farmers in five states claimed the modified rice had escaped and contaminated commercial rice supplies in more than 30 percent of America's ricelands. When the USDA announced that trace amounts of the GM rice had been found in U.S. long-grain rice stocks, there was a 14 percent decline in rice futures, which meant lower prices paid for crops. Growers claimed this cost them \$150 million.

"Bayer did not keep track of its genetically modified seed," argued attorneys for the rice growers. "This is a living, growing organism. That's why you have to be so careful."

...Interest in modifying genetic material increased after a March 2009 report was released that stated that South African farmers lost millions of dollars when eighty-two thousand hectares of Monsanto GM corn failed to produce hardly any seeds. Although the manufacturer, Monsanto, offered compensation for the losses, Mariam Mayer, director of

the Africa Centre for Biosecurity in Johannesburg, demanded an immediate ban on all GM foods and a government investigation.

...In January 2010, a study published in the *International Journal of Biological Sciences* reported that researchers, after analyzing the effects of genetically modified foods on mammalian health, linked Monsanto's GM corn to kidney and liver damage in rats. Monsanto officials were quick to state that the research was "based on faulty analytical methods and reasoning and do not call into question the safety findings for these products." However, the study's author, Gilles-Eric Seralini, responded, "Our study contradicts Monsanto conclusions because Monsanto systematically neglects significant health effects in mammals that are different in males and females eating GMOs, or not proportional to the dose. This is a very serious mistake, dramatic for public health. This is the major conclusion revealed by our work, the only careful reanalysis of Monsanto's crude statistical data."

Awareness about GMOs in foods can be traced back as early as 2002. Although the FDA, EPA, and USDA all have stated that their research shows no long-term health risks from GMO foods, Dr Stanley Ewen, a consultant histopathologist at Aberdeen Royal Infirmary and one of Scotland's leading experts in tissue diseases, warned in a report to a government health committee, that eating GM food could cause cancer. In a report to a governmental health committee, Ewen expressed "great concern" about the use of the cauliflower mosaic virus as a "promoter" in GM foods that could increase the risk of stomach and colon cancers. Ewen wrote that the infectious virus is used like a tiny engine to drive implanted genes to express themselves and could encourage the growth of polyps in the stomach or colon. "The faster and bigger the polyps grow, the more likely they are to be malignant," he wrote, adding, "It is possible cow's milk will contain GM derivatives that can be directly ingested by humans as milk or cheese. Even a lightly cooked, thick fillet steak could contain active GM material."

Cancer was only one of some fifty harmful effects of GMO foods and growth hormones listed in a research article by nutritionist Nathan Batallion that included a warning from Harvard biology professor Dr. George Wald, a Nobel Laureate in Medicine.

"Our morality up to now has been to go ahead without restriction to learn all that we can about nature. Restructuring nature was not part of the bargain. This direction may be not only unwise, but dangerous. Potentially, it could breed new animal and plant diseases, new sources of cancer, novel epidemics," stated Wald.

Monsanto's growth hormone IGF-1 has been linked to increased risk of human colorectal and breast cancer in studies both in the United States and Canada. However, the FDA downplayed the significance of such studies.

Reflecting concern over the safety of GMOs, the UN's Food Safety Agency, representing 101 nations worldwide, in 1999 ruled unanimously to continue a 1993 European moratorium on Monsanto's genetically engineered hormonal milk (rGBH). This ban was

not reported in the American media, further indicating the extent of Monsanto's influence in the media.

Sources for above material, per back of Jim Marrs' book

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- (4) Dr Stanley Ewen and GM-caused cancer: [http://www.biotech-info.net/cancer\\_risk.html](http://www.biotech-info.net/cancer_risk.html)
- (5) 50 harmful effects and Harvard's Dr. George Wald:  
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